

# Work Order ID 86586

**\*86586\***

Page 1

July-05-12 1:14:42 PM

Item ID: D2989-043

Accept

**\*N900040100\***

Setup Start

**\*NS1\***

Revision ID:

Stop

**\*NS2\***

Item Name: Basket Lid Assembly

Start Date: 7/05/12

Start Qty: 1.00

**\*1\***

Cust Item ID:

Required Date: 8/03/12

Req'd Qty: 1.00

**\*1\***

Customer:

Reference:

Approvals:

Process Plan: CY

Date: 12/07/05 Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run Start

**\*NR1\***

Stop

**\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
D2989	Rev D

100

0.00

**\*100\***

Large Fab

Large Fab

Memo

0.00

Large Fab

1- assemble all ribs in DT9446 jig, weld as per dwg D2989  
2- tack weld mesh on basket as per dwg D2989 using DT9446 jig  
3- to locate hinges and shims use D2989-041, weld as per dwg D2989  
A/R ER316 S.S. Rod Batch: M/22/30

110

QC9- Inspect visual per QSI004- Fusion Welds

0.00

**\*110\***

QC

Memo

0.00

Quality Control

PC/CC 12-8-23

1 φ

DAS  
18  
12-08-23

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Work Order ID 86586

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Item ID: D2989-043 Accept **\*N900040100\*** Setup Start **\*NS1\***  
 Revision ID: Stop **\*NS2\***  
 Item Name: Basket Lid Assembly  
 Start Date: 7/05/12 Start Qty: 1.00 **\*1\*** Cust Item ID:  
 Required Date: 8/03/12 Req'd Qty: 1.00 **\*1\*** Customer:  
 Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start **\*NR1\***  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120 <b>*120*</b> QC Quality Control	QC6- Inspect dimensions to drawing  Memo	0.00 0.00		DAS 16 9-53 12/08/23					
125 <b>*125*</b> HandFinish Hand Finishing	Pressure Wash per QSI005 4.3  Memo	0.00 0.00							IX <del>φ</del> MZ 12/08/23

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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# Work Order ID 86586

**\*86586\***

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July-05-12 1:14:42 PM

Item ID: D2989-043 Accept **\*N900040100\*** Setup Start **\*NS1\***  
 Revision ID: Stop **\*NS2\***  
 Item Name: Basket Lid Assembly  
 Start Date: 7/05/12 Start Qty: 1.00 **\*1\*** Cust Item ID:  
 Required Date: 8/03/12 Req'd Qty: 1.00 **\*1\*** Customer:  
 Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start **\*NR1\***  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130 <b>*130*</b> Powdercoat Powder Coating	White Gloss(Ref:4.3.5.2) per QSI005 4.3-Steel  Memo 1- Plug holes prior to powder coating  2-Powder Coat White (Ref. 4.3.5.2) D2989-041 as per QSI 005 4.3 & Dwg D2989  1ST COAT START TIME: <u>2:00</u> OVEN TEMPERATURE: <u>480°F</u> FINISH TIME: <u>2:30</u> ***** 2nd coat if necessary *****  2ND COAT: START TIME: _____ OVEN TEMPERATURE: _____ FINISH TIME: _____	0.00  0.00				1X			MZ 12/08/23
140 <b>*140*</b> QC Quality Control	QC3- Inspect Part Finish  Memo	0.00  0.00				1			12/08/24

W121841

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

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Item ID: D2989-043 Accept **\*N900040100\*** Setup Start **\*NS1\***  
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 Item Name: Basket Lid Assembly  
 Start Date: 7/05/12 Start Qty: 1.00 **\*1\*** Cust Item ID:  
 Required Date: 8/03/12 Req'd Qty: 1.00 **\*1\*** Customer:  
 Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start **\*NR1\***  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
150	Identify as per dwg & Stock Location: <u>D350-607</u>	0.00	87537			1		20	12/08/27
<b>*150*</b>									
Packaging	Memo	0.00							
Packaging									
160	QC21- Final Inspection - Work Order Release	0.00							
<b>*160*</b>									
QC	Memo	0.00							
Quality Control									

CK 12/8/27  
 MF  
 12-08-27

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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**NOTE:** Date & initial all entries



July-05-12 1:14:41 PM

**Start Date:** 7/05/12  
**Start Qty:** 1.00

**Required Date:** 8/03/12  
**Required Qty:** 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D2221-1 Rib		Manufactured	No			100	Each	8.0000	1	1		PL 12.8.2	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				WA		8						382950 → ①	
				83907		8							
D2989-3 Rib		Manufactured	No			100	Each	5.0000	1	1		PL 12.8	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				WA		4						386715 → ①	
				77527		4							
				WA005		1							
				72408		1							
D2989-4 Rib		Manufactured	No			100	Each	5.0000	1	1		PL 12.8.2	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				WA005		5						386665 → ①	
				72409		1							
				77524		4							
D2989-5 Rib		Manufactured	No			100	Each	4.0000	2	2		PL 12.8.2	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				WA		3						B79463 → ①	
				81911		3						B86747 → ①	
				WA005		1							
				71222		1							

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

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Page 2

Work Order ID: 86586  
Parent Item: D2989-043  
Parent Item Name: Basket Lid Assembly

Start Date: 7/05/12

Required Date: 8/03/12

Start Qty: 1.00

Required Qty: 1.00

✓ D3182-1 Hinge	Manufactured	No	100	Each	12.0000	2	2	CPL 12.8.2
			<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>			
			WA	12				
			77316	4				
			82707	8				
✓ D3442-3 Shim	Manufactured	No	100	Each	14.0000	2	2	CPL 12.8.2
			<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>			
			WA	14				
			79123	6				
			82708	8				
✓ D3827-041 Rib Assembly (Inboard)	Manufactured	No	100	Each	11.0000	1	1	CPL 12.8.2
			<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>			
			WA	5				
			81038	5				
			WA006	6				
			72729	1				
			84792	5				
✓ D3832-5 Mesh (Lid)	Manufactured	No	100	Each	0.0000	1	1	B 77756 → (1) CC 12.8.23
✓ D3833-5 Mesh (Lid End)	Manufactured	No	100	Each	38.0000	2	2	<del>B 67461 → (2) CC 12.8.23</del>
			<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>			
			WA035	38				
			67461	38				
D3838-041 Rib Assembly (Basket Lid, LH)	Manufactured	No	100	Each	5.0000	1	1	CC 12.8.22 CPL 12.8.2
			<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>			
			WA005	5				
			77525	5				

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Shop Packet Print

Page 2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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**NOTE:** Date & initial all entries

# Picklist Print

July-05-12 1:14:41 PM

Page 3

Work Order ID: 86586  
Parent Item: D2989-043  
Parent Item Name: Basket Lid Assembly

Start Date: 7/05/12

Required Date: 8/03/12

Start Qty: 1.00

Required Qty: 1.00

D3838-042  
Rib Assembly (Basket Lid, RH)

Manufactured No

100 Each 5.0000

1 1

*Cx 12.8.2*

Location

Loc Qty

Loc Code

WA005

5

72415

1

77526

4

①

July-05-12 1:14:41 PM

Shop Packet Print

Page 3

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

**D2989-043 BASKET LID ASSEMBLY**  
(MESH SHOWN LOCALLY FOR CLARITY)

**D2989-041 BASKET LID ASSEMBLY**  
(MESH SHOWN LOCALLY FOR CLARITY)

ITEM	QTY -041	QTY -043	P/N	DESCRIPTION
1	X		D2989-041	BASKET LID ASSEMBLY
2		X	D2989-043	BASKET LID ASSEMBLY
3	1		D2506	LABEL PLATE
4	1		D2512-7	RIB
5	2		D2581	MOUNTING BRACKET
6		1	D2989-3	RIB
7		1	D2989-4	RIB
8		2	D2989-5	RIB
9	2		D2989-13	RIB
10	2	1	D2989-17	RIB
11	2		D2989-19	RIB
12		2	D3182-1	HINGE
13		2	D3442-3	SHIM
14		1	D3827-041	RIB ASSY (INBOARD)
15	1		D3832-3	MESH, BASKET LID
16		1	D3832-5	MESH, BASKET LID
17	2		D3833-3	MESH, LID END
18		2	D3833-5	MESH, LID END
19	1		D3836-041	RIB ASSY (BASKET LID, LH)
20	1		D3836-042	RIB ASSY (BASKET LID, RH)
21		1	D3838-041	RIB ASSY (BASKET LID, LH)
22		1	D3838-042	RIB ASSY (BASKET LID, RH)
23	1		D3852-041	RIB ASSEMBLY
24	1		D3852-042	RIB ASSEMBLY

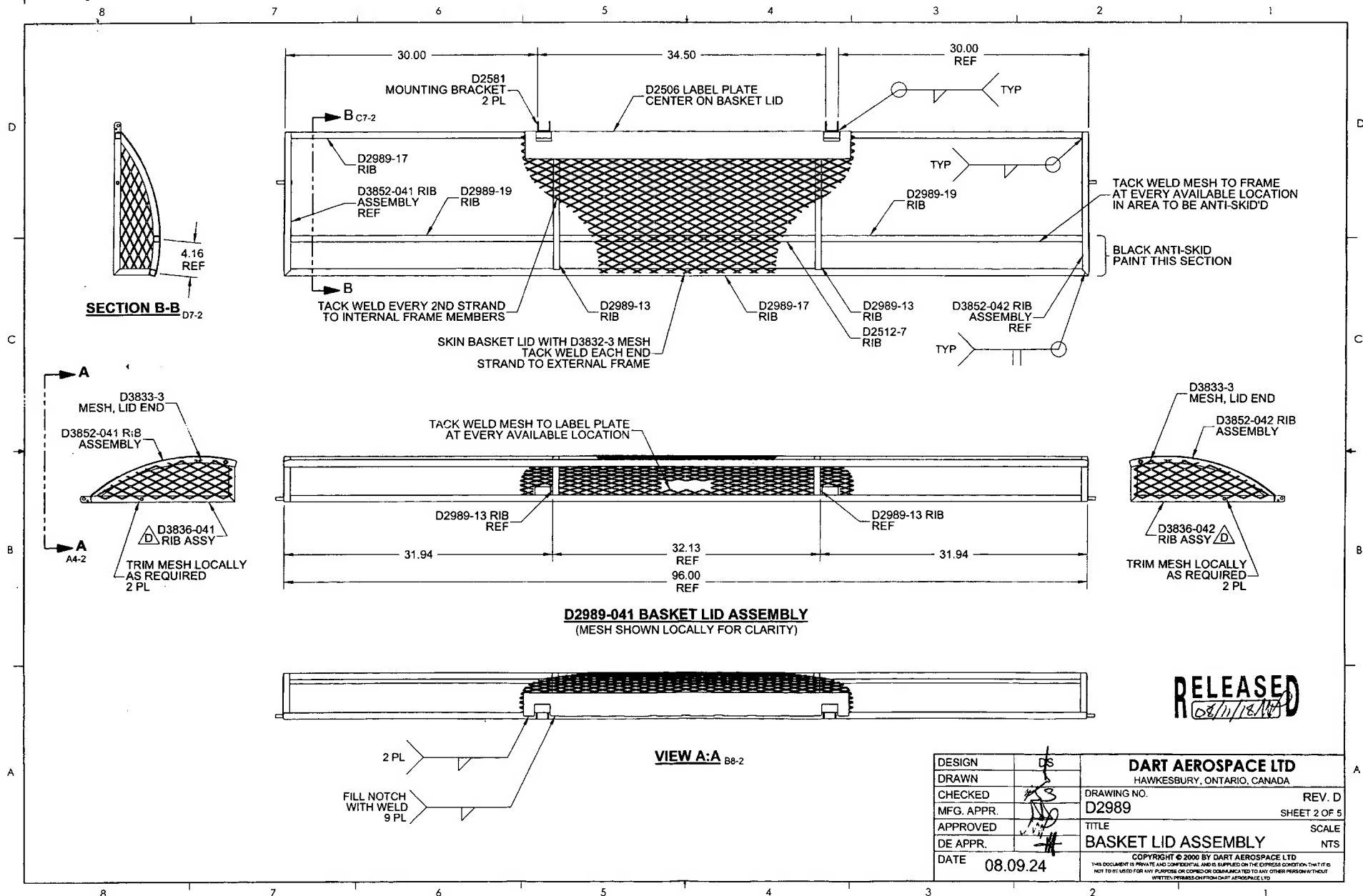
**RELEASED**  
08/11/18 MB

D	REVISED -041/-043 PARTS LISTS AND ADDED "ITEM" COLUMN TO PARTS LIST (ZN D3-1); D3836-041 REPLACES D2989-9/-15; D3836-042 REPLACES D2989-10/-15; D3838-041 REPLACES D2989-11/-17; D3838-042 REPLACES D2989-2/-7; D3852-041 REPLACES D2989-11; D3852-042 REPLACES D2989-2; REMOVED D2327-3 (NOW INSTALLED ON D3836 DWG); D2989-9/-10 (NOW ON D3836 DWG); D2989-11/-12 (NOW ON D3838 DWG) AND D2989-11/-12 (NOW ON D3852 DWG). REASON: TO SATISFY "LEAN MANUFACTURING" PROGRAM	MB	08.09.24
C	FRAME MATERIAL WAS 0.060 WALL; MESH MATERIAL UPDATED; DRAWING TRANSFERRED TO "B" FORMAT AND CURRENT DRAFTING STANDARD	AJS	08.06.20
B	ADD SHIM UNDER HINGES, UPDATE LID DIMENSIONS	PH	05.06.07
A	NEW ISSUE	DS	00.10.27
REV.	DESCRIPTION	BY	DATE
DESIGN	DS	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN		DRAWING NO.	REV. D
CHECKED		D2989	SHEET 1 OF 5
MFG. APPR.		TITLE	SCALE
APPROVED		BASKET LID ASSEMBLY	NTS
DE APPR.		COPYRIGHT © 2000 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMBINED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	
DATE	08.09.24		

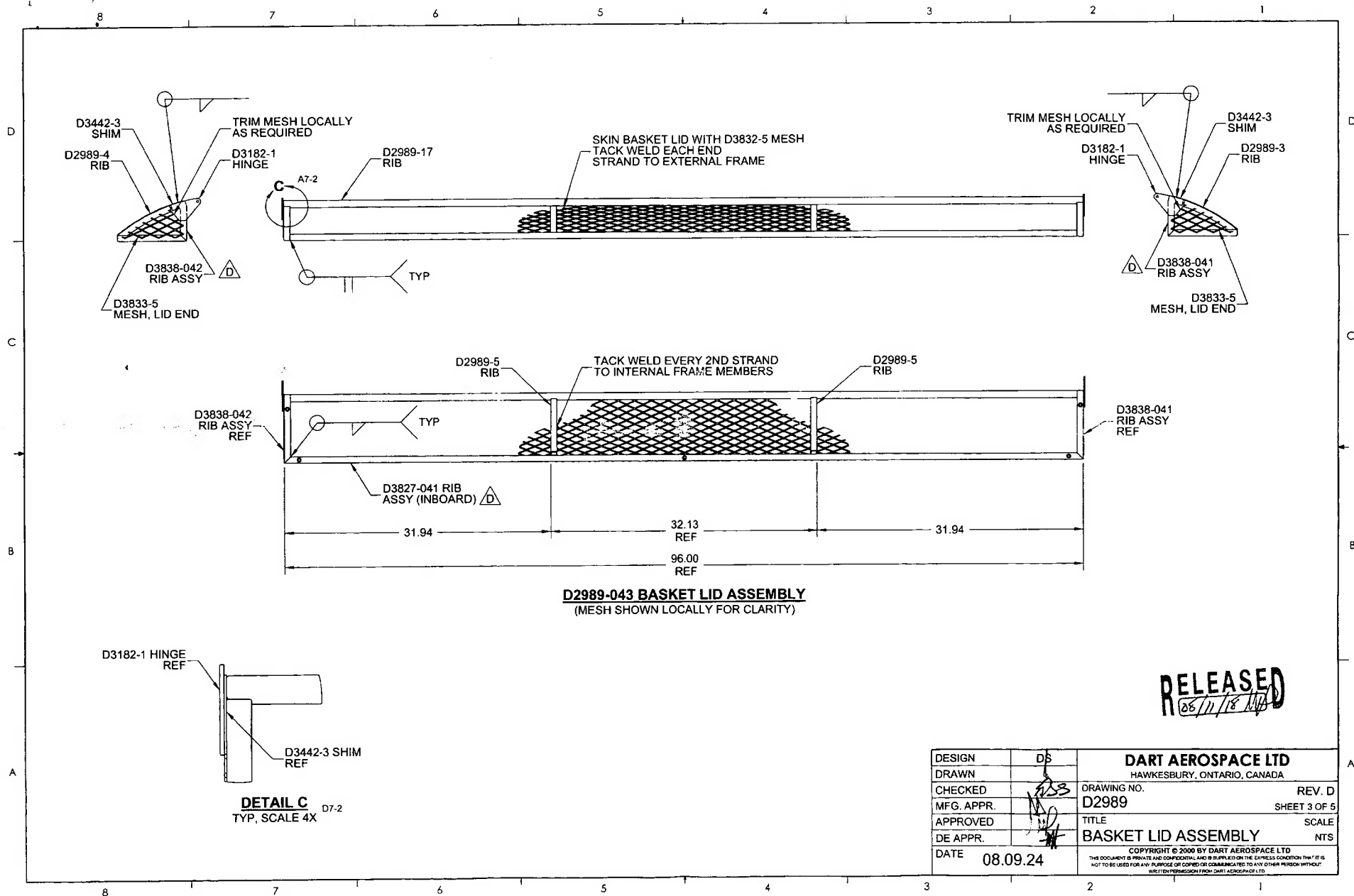
**NOTES:**

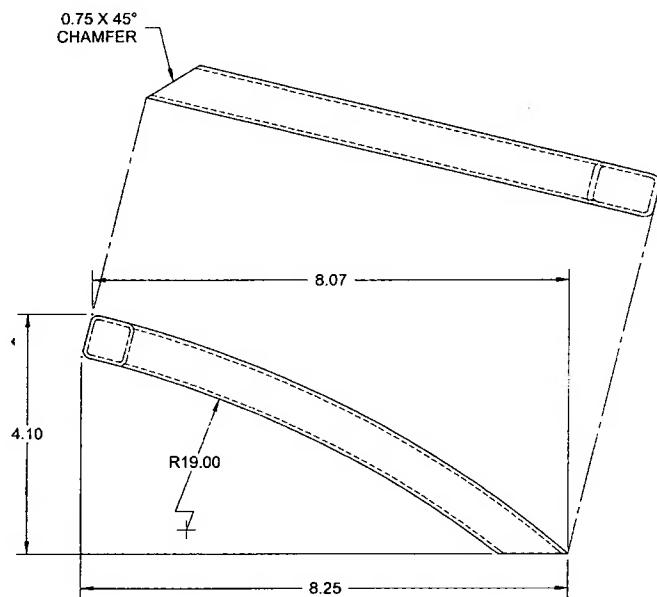
- 1) MATERIAL: N/A
- 2) FINISH: POWDER COAT WHITE (4.3.5.2) PER DART QSI 005 4.3  
BLACK ANTI-SKID PAINT AS INDICATED PER DART QSI 005 4.4  
SPRAY PAINT INSIDE SURFACE BLACK PRIOR TO APPLYING ANTI-SKID
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: D2989-041 = 26.50 lbs; D2989-043 = 15.50 lbs
- 8) WELD PER DART QSI 004

0812107105  
w/o: 86586

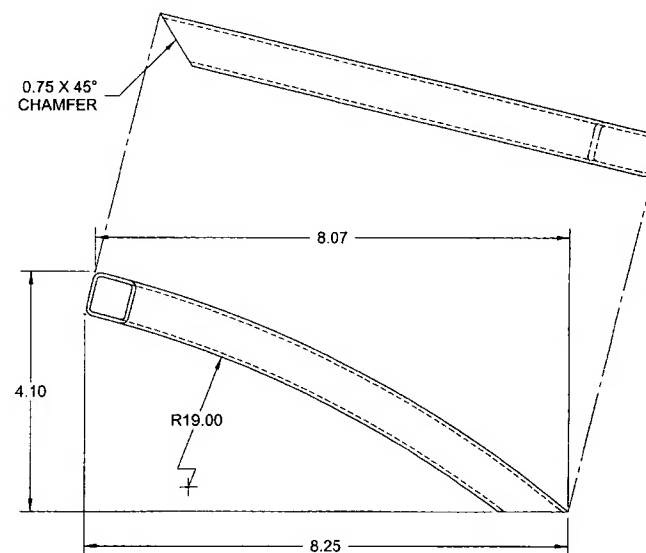








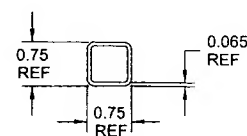
**D2989-3 RIB**



**D2989-4 RIB**

**NOTES:**

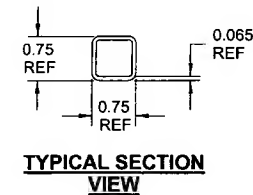
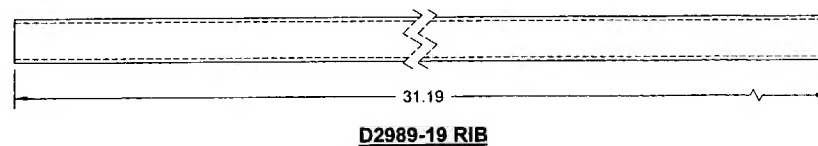
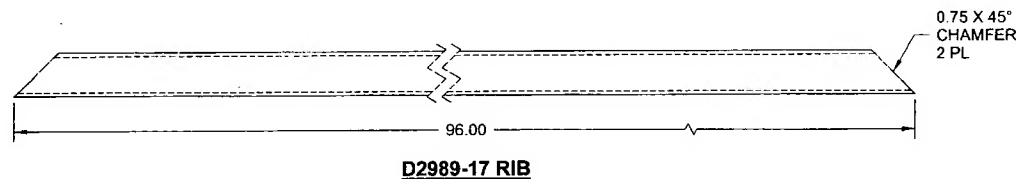
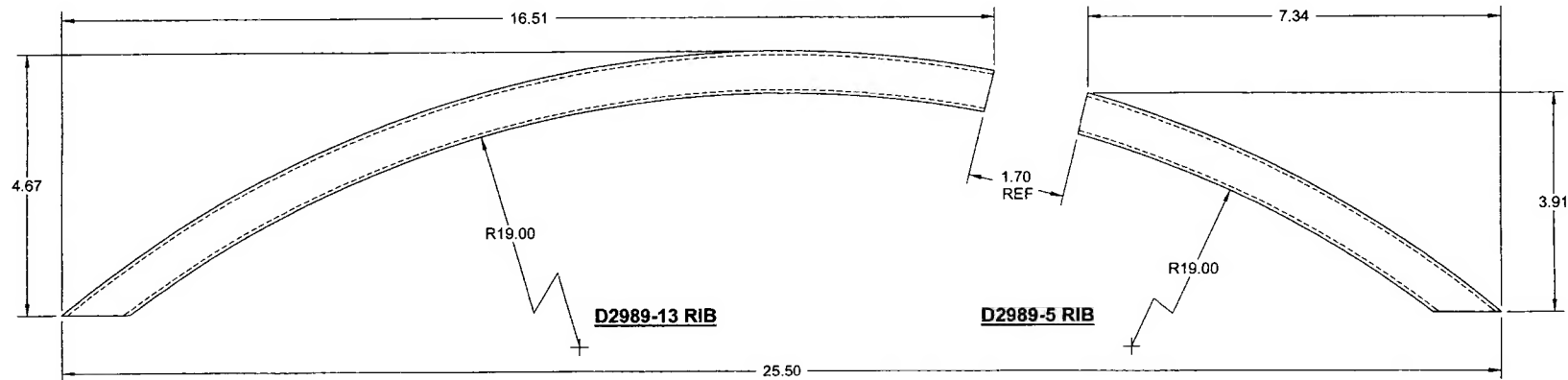
- 1) MATERIAL: D3166-3 BASKET HOOP
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 8) WEIGHT: D2989-3/-4 = 0.39 lbs;







**TYPICAL SECTION  
VIEW**

**RELEASED**  
08/11/18 NW

DESIGN	DS	<b>DART AEROSPACE LTD</b>	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO. <b>D2989</b>	REV. D
MFG. APPR.			SHEET 4 OF 5
APPROVED		TITLE	SCALE
DE APPR.		<b>BASKET LID ASSEMBLY</b>	NTS
DATE	08.09.24	<small>COPYRIGHT © 2000 BY DART AEROSPACE LTD. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	



- NOTES:**  
 1) MATERIAL: AISI 304/316 STAINLESS STEEL SQUARE TUBE, 0.75 X 0.75 X 0.065 WALL  
 REF. DART SPEC. M304TS0.750W0.065  
 2) FINISH: NONE  
 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED  
 4) UNITS: INCHES UNLESS OTHERWISE NOTED  
 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX  
 6) IDENTIFICATION: N/A  
 8) WEIGHT: D2989-5 = 0.37 lbs; D2989-13 = 0.81 lbs; D2989-17 = 4.57 lbs; D2989-19 = 1.50 lbs

DESIGN	OS	<b>DART AEROSPACE LTD</b>	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. D
MFG. APPR.		D2989	SHEET 5 OF 5
APPROVED		TITLE	SCALE
DE APPR.		<b>BASKET LID ASSEMBLY</b>	NTS
DATE	08.09.24	COPYRIGHT © 2000 BY DART AEROSPACE LTD	
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**RELEASED**  
 08/11/18